

Jim Maletta

From: Jim Maletta
Sent: May 30, 2011 10:42 AM
To: 'judy.becker@gov.bc.ca'
Subject: 2011 Fairmont Creek Inspection Report, Checklist and Confirmation Forms
Attachments: DSCN1444.JPG; Fairmont Creek 2011 Annual Inspection Report.pdf; 2011Fairmont Creek Confirmation and Checklist Forms.pdf

Hi Judy,

Please find attached the 2011 Fairmont Creek Inspection Report, completed Confirmation of Annual Dike Inspection and Dike Inspection Checklist. As well, attached is a photo supporting the annual report.

If you have any questions regarding the submission please contact Jim Maletta at 250 489-2791 or via email at jmaletta@rdek.bc.ca

Thank-you,

Jim

Jim Maletta, AScT.
Regional District of East Kootenay
19-24th Avenue South
Cranbrook BC, V1C-3H8
(250)489-2791 Phone
(250)489-1287
e-mail jmaletta@rdek.bc.ca



Fairmont Creek Dike Inspection Report

Water Course 1: Fairmont Creek

Water Course 2: Cold Spring Creek

GPS Number 52

The Dike was inspected on Friday May 20, 2011.

Weather Conditions at the time of the inspection were mostly sunny with scattered clouds, approximately 18 Degrees C at the time of the inspection.

Upstream Conditions

The upstream conditions were normal, normal amounts of debris existed upstream of the dike armoring. (Please see attached photo)

Dike Conditions

The dike armoring is in good condition with no signs of erosion or high water over the past 12 months. Some vegetation exists within the dike armoring at this time and is scheduled for removal this fall.

Scheduled Maintenance

Removal of vegetation within the armored portion of the dike scheduled for the fall of 2011.

Maintenance Executed of the Past 12 Months

Only inspection of the facility occurred over the past 12 months. The removal of vegetation occurs consecutively with Cold Spring Creek vegetation removal for economic reasons.

**Please mail, e-mail or fax this form to the Inspector of Dikes
by May 31, 2011**

CONFIRMATION OF ANNUAL DIKE INSPECTION 2011

TO:

FROM:

Office of Inspector of Dikes
Ministry of Forests, Lands and
Natural Resource Operations
10470 - 152nd St., 2nd Fl.
Surrey, BC V3R 0Y3

Regional District of East Kootenay
Mr. Jim Maletta
19-24th Ave. S.
Cranbrook, BC V1C 3H8

TEL: 604 582-5200
FAX: 604 582-5235
E-MAIL: judy.becker@gov.bc.ca

TEL: 250 489-2791
FAX: 250 489-1287
CELL:
E-MAIL: jmaletta@rdek.bc.ca

1. Is your Annual (2011) Dike Inspection Complete? YES NO
If NO, please indicate expected completion date: _____
If YES, please provide date of inspection: YY 2011 MM 05 DD 20
and attach the completed checklist and inspection report.

2. According to the Provincial Flood Protection Works Database, you are the diking authority contact person. Is all the information on the above label correct? YES NO

If NO, please provide updated details below - (this information also assists provincial agencies in case of flood emergencies):

3. Is all the dike information for your dike(s) in the provincial database correct? (review green sheet(s) enclosed with mail out, or see the Dike Safety web page). YES NO If NO, please provide updated details below:

THE SPELLING OF MY FIRST NAME IS INCORRECT IT IS JIM NOT VIM

4. If you have any additional comments or suggestions please indicate them below:

Submitted by: J. Maletta

Date: MAY 30, 2011

FOR WATER COURSE:

COLD SPRING CREEK GPS No. 330
FAIRMONT CREEK GPS No. 52

4. Vegetation Management

	YES	NO	N/A
• Hampers or prevents access?		✓	
• Reduces visibility to each toe?		✓	
• Trees in or near dike (within 2m from toe) with potential for uprooting?	✓		
• Multi-year vegetation management plan in place?	✓		
INSPECTED ANNUALLY AND PLANNED FOR THIS FALL			

5. Report describes upgrading, repair and/or maintenance work (including vegetation management) completed in the past 12 months:

Check complete

6. Report describes and encloses copies of any dike crest surveys and/or engineering studies/investigations completed in the past 12 months:

Check complete NA

7. Report describes the work required in the next 12 months and the estimated schedule for completion:

Check complete

8. Report includes photos, sketches, maps etc.

Check complete

Notes on using this Check List:

1. This check list can be used as an outline for your comprehensive report.
2. Use the dike names and GPS Numbers on the provincial database (on web page or as shown on green sheet enclosed with mail out).
3. When referring to specific locations use chainages from the O&M manual drawings and/or major landmarks (roads, bridges etc). Please do not use local property names.

DIKE INSPECTION CHECKLIST

Dike Name (From database) FAIRMONT HOT SPRINGS^{RESORT} GPS No. (database) 52
 Water Courses ① FAIRMONT CREEK ② CONO SPRING CREEK Dike Section ENTIRE DIKE
 Date Inspected 2011/05/20 Signed J. Maletta

For sections 1-4, please check the applicable box. If you check the Yes box, please explain in detail in your attached inspection report. Please also refer to "Flood Protection Works Inspection Guide" from March 2000 for a detailed guide to dike inspection and reporting, available at:
http://www.env.gov.bc.ca/wsd/public_safety/flood/pdfs_word/fld_prot_insp_gd.pdf

1. Is there any obstruction, deterioration or damage to dike access?
 (access routes, ramps, and gates)

YES	NO	N/A
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Is there any deterioration or damage to the following?

YES	NO	N/A
<ul style="list-style-type: none"> • Dike Crest and slopes (ruts, loss of surfacing material, obstructions, slumping, cracking) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Bank Protection (loss of rock, settlement, slumping) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Flood Boxes/Pump stations (inlet/outlet channels, gate operation, trash racks, debris, erosion, corrosion, structure, mechanical components) or damage to dike access?(access routes, ramps, and gates) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Were any of the following serious problems observed? (if yes, please attach photo or sketch)

YES	NO	N/A
<ul style="list-style-type: none"> • Seepage (and/or evidence of piping) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Erosion 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Slumping, cracking, sink holes 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Animal Damage (beavers, animal burrows, cattle, etc.) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Unauthorized construction (excavations, utilities, structures) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Channel infilling and aggregation 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Significant flood levels (within free board) within the last 12 months 	<input checked="" type="checkbox"/>	<input type="checkbox"/>



East Kootenay Regional District

Water Course	Fairmont Creek	Structure Type	Dike
Water Course 2	Cold Spring Creek	Ancillary Works	Log crib wall
GPS Number	52	Structure Length	85 m
Dike Name	Fairmont Hotsprings Resort	NAD 83 Map Number	82J031/032
Region	Kootenay	Floodplain Maps	N/A
Owner/Administrator	East Kootenay Regional District	UTM Northing	5 575 570
Address	19 - 24th Ave S	UTM Easting	11U 581 742
City	Cranbrook	Service Area	
Province	BC	Land Use	
Postal Code	V1C 3H8	Number of Buildings	
Contact Person	Vim Maletta	Infrastructure Protected	
Telephone	250-489-2791	Geographic Feature	Riverine
Fax	250-489-1287	Type of Flooding	Spring Freshet
		Local Authority under EPA	East Kootenay Regional District
		Regulated under DMA	Yes

Notes